

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 10252963
PUBLICATION DATE : 22-09-98

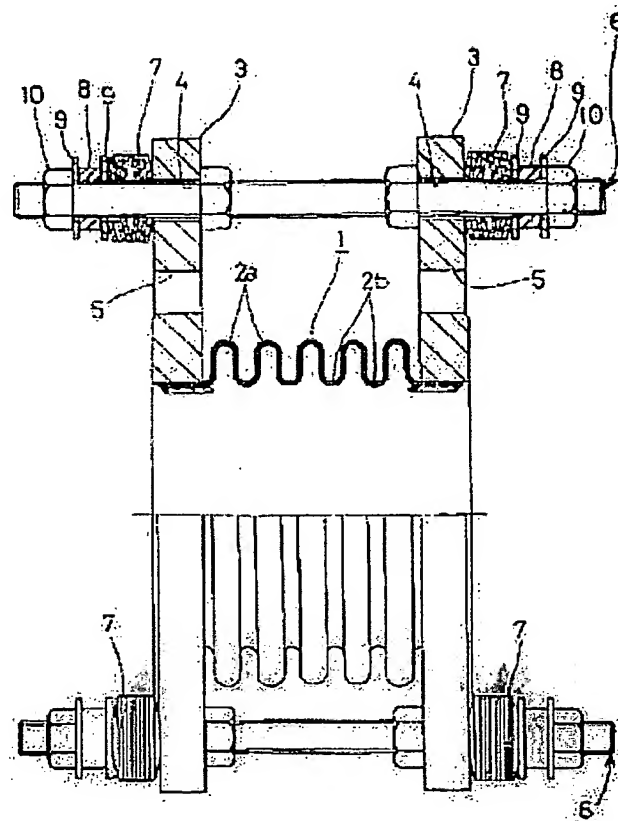
APPLICATION DATE : 12-03-97
APPLICATION NUMBER : 09057725

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INT. CL. : F16L 27/10 F16L 23/036 F16L 55/00
F16L 55/04

TITLE : VIBRATION DAMPING BELLOWS
JOINT



ABSTRACT : PROBLEM TO BE SOLVED To provide an optimum pipe joint as high pressure piping by providing a bellows part consisting of a plurality of layers of sheets at an intermediate part, interposing a spring between a fixing tool and a projected part, and connecting the projected part of the joint by a rod-shaped body.

SOLUTION: A joint body 1 in which a pair of projected parts 3 having bellows parts 2a, 2b comprising a plurality of layers of sheets in an intermediate part and having through holes 4 in the outer circumferential surface of each end part are opposite to each other and projected in the radial direction, and a rod-shaped body 6 to be inserted between the through holes 4 in the joint body 1 are provided, and the rod-shaped body 6 is fixed by a fixing tool 10 on each end part of the rod-shaped body 6 through a coned disk spring 7 and a cushioning material 8 to be interposed between the fixing tool 10 and the projected parts 3. A bellows pipe joint is built in, for example, a high pressure piping system for use, but because the bellows part 2 of the joint body 1 comprises a plurality of layers of sheets, it has the pressure resistance sufficiently capable of withstanding the high pressure fluid even when it flows in the bellows part, and flexibility by the coned disk springs 7 and the cushioning material 8 is provided, and the vibration of the piping system is also absorbed.

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